

#27]

OGO-5

CORRECTED FLUX FOR CHANNELS 1-5

68-014A-06D

OGO 5

L-SORTED ELECT FLUX, CHAN 1-5, TAPE

68-014A-06D

This data set has been restored. There was originally one 7-track, 556 BPI tape written in BCD. There is one restored tape written in ASCII. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tape was created on a 7094 computer and the restored tape was created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D number are as follows:

DR#	DS#	D#	FILES
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DR004826	DS004826	D014248	1

REQ. AGENT
VJP

RAND NO.
RC0347

ACQ. AGENT
MJT

OGO-5

CORRECTED FLUX FOR CHANNELS 1-5

68-014A-06D *ASCII*

This data set consists of 1, 556 BPI, ~~BCD~~ tape that was produced
on the 7094 computer. The tape is 7-track and contains 1 file.

The data is ordered by L Value, therefore no time span is available.

<u>D#</u>	<u>C#</u>
D-14248	C-11360

OGO 5 Data Set (68-014A-06 NSSDC ID)

This data set represents Dr. H. West's final OGO 5 data set. It includes data for channels 1 through 5 only. All count rate corrections have been made and backgrounds have been subtracted. The default fluxes equivalent to zeroes (see card format) result from count rates of 0.1 cps.

The data set is ordered by L value and covers the range
 $2.4 \geq L/\text{earth radii} \geq 1.3$. Real field B/B_0 values are given together with a variable called 'invariant latitude' by West. This is really a real field geomagnetic latitude related to B/B_0 by the relation

$$\frac{B}{B_0} = \frac{(4 - 3\cos^2 \lambda)^{\frac{1}{2}}}{\cos^6 \lambda}$$

Card format is as follows:

<u>Columns</u>	<u>Variable</u>	<u>Format</u>	<u>Comment</u>
1- 5	L value	F5.2	
7- 9	Day of 1968	I3	
11-12	Hour of day	I2	
13-14	Min of Hr.	I2	
16-17	Sec of min	I2	
19-23	Invariant latitude	F5.1	In degrees. Really is real field geomagnetic latitude
25-30	B/B0	F6.3	Real magnetic field ratio
31-39	Perp. Flux	E9.2	Units electrons/cm ² sec ster kev
	Channel 1		Flux of ±5.55E-01 is equivalent to zero.
40-48	Perp Flux	E9.2	Units electrons/cm ² sec ster kev
	Channel 2		Flux of ±3.60E-01 is equivalent to zero.
49-57	Perp Flux	E9.2	Units electrons/cm ² sec ster kev
	Channel 3		Flux of ±2.56E-01 is equivalent to zero.
58-66	Perp Flux	E9.2	Units electrons/cm ² sec ster kev
	Channel 4		Flux of ±1.65E-01 is equivalent to zero.
67-75	Perp Flux	E9.2	Units electrons/cm ² sec ster kev
	Channel 5		Flux of ±2.26E-02 is equivalent to zero.

	REC	1. LENGTH	84
1.30	REC	2. LENGTH	84
1.30	REC	3. LENGTH	84
1.30	REC	4. LENGTH	84
1.30	REC	5. LENGTH	84
1.30	REC	6. LENGTH	84
1.30	REC	7. LENGTH	84
1.30	REC	8. LENGTH	84
1.30	REC	9. LENGTH	84
1.30	REC	10. LENGTH	84
1.30	REC	11. LENGTH	84
1.30	REC	12. LENGTH	84
1.30	REC	13. LENGTH	84
1.30	REC	14. LENGTH	84
1.30	REC	15. LENGTH	84
1.30	REC	16. LENGTH	84
1.30	REC	17. LENGTH	84
1.30	REC	18. LENGTH	84
1.30	REC	19. LENGTH	84
1.30	REC	20. LENGTH	84
1.30	REC	21. LENGTH	84
1.30	REC	22. LENGTH	84
1.30	REC	23. LENGTH	84
1.30	REC	24. LENGTH	84
1.30	REC	25. LENGTH	84
1.30	REC	26. LENGTH	84
1.30	REC	27. LENGTH	84
1.30	REC	28. LENGTH	84
1.30	REC	29. LENGTH	84
1.30	REC	30. LENGTH	84
1.30	REC	31. LENGTH	84
1.30	REC	32. LENGTH	84